

Safety Data Sheet

Revision Date: 05-23-2016

Product Code: [REDACTED]

1. IDENTIFICATION

Product Name
Product Code
Patent Number
Document ID
Revision Number
Prior Version Date
Intended Use
Restrictions On Use
Chemical Manufacturer / Importer

Emergency Telephone Number:

2. HAZARD(S) IDENTIFICATION

Classification of the chemical in accordance with paragraph (d) of §1910.1200;

GHS Classification Flammable Liquid Category 4

Signal Word Warning

Hazard Statements Combustible liquid.

Precautionary Statements

Prevention Keep away from heat, sparks, open flames and hot surfaces. No smoking.
Wear protective gloves, protective clothing, eye protection and face protection.

Response In case of fire: Use alcohol resistant foam, carbon dioxide, dry chemical, or water spray for extinction.

Storage Store in a well-ventilated place. Keep cool.

Disposal Dispose of contents and container in accordance with all local, regional, national and international regulations.

Hazards Not Otherwise Classified (HNOC) Not applicable

Additional Information

Generally not considered a hazardous material. However, practice personal hygiene and avoid contact. Refer to safety data sheets for all materials used.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Component	CAS #	%
[REDACTED]	[REDACTED]	[REDACTED]

CAS #

%

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[REDACTED]

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

Inhalation	Remove individual to fresh air after an airborne exposure if any symptoms develop as a precautionary measure.
Eye Contact	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.
Skin Contact	Wash with soap and water. Get medical attention if irritation develops or persists.
Ingestion	If swallowed, do not induce vomiting. Get medical attention immediately.
Most Important Acute Symptoms and Effects	Not Available
Most Important Delayed Symptoms and Effects	Not Available
Special treatment needed:	No additional first aid information available

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Use alcohol resistant foam, carbon dioxide, or dry chemical when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the surface of the fire. Do not direct a stream of water into the hot burning liquid.
Unsuitable Extinguishing Media	No data available
Fire and/or Explosion Hazards	Material may be ignited only if preheated to temperatures above the high flash point, for example in a fire. Container may explode in heat of fire.
Special Protective Equipment and Precautions for Fire-Fighters	Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures	Follow personal protective equipment recommendations found in Section VIII of this SDS. Additional precautions may be necessary based on special circumstances created by the spill including the material spilled, the quantity of the spill, the area in which the spill occurred. See MSDS sections III, XIII and XV for disposal considerations.
Methods and Material for Containment and Cleaning Up	Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Dike with suitable absorbent material. Gather and store in a sealed container pending disposal. Shut off ignition sources; including electrical equipment and flames. Do not allow smoking in the area.

7. HANDLING AND STORAGE

Precautions for Safe Handling	Overexposure may be harmful. As with all chemicals, good industrial hygiene practices should be followed when handling this material.
Conditions for Safe Storage	Store in a cool dry place. Keep container(s) closed. Keep away from sources of ignition.
Materials to Avoid/Chemical Incompatibility	Oxidizing agents, Water

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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Exposure Limits

<u>Chemical Component</u>	<u>OSHA PEL</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH STEL</u>
No data available			

Appropriate Engineering Controls Respiratory Protection

Local exhaust ventilation or other engineering controls may be required when handling or using this product to avoid overexposure.
General or local exhaust ventilation is the preferred means of protection. In cases where ventilation is inadequate, respiratory protection may be required to avoid overexposure. Follow respirator manufacturer's directions for respirator use. When spray applied use a NIOSH approved respirator with an AFP of 10.

Eye Protection Skin Protection

Use impermeable gloves. Wear safety glasses with side shields when handling this product. Where use can result in skin contact, practice good personal hygiene. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. Clothing suitable to prevent skin contact.

General Hygiene Conditions

As with all chemicals, good industrial hygiene practices should be followed when handling this material.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical State
Color

Odor

Odor Threshold

pH

Melting Point/Freezing Point (°F/°C)

Initial Boiling Point and Boiling Range

Low (°F)

Flash Point (°F/°C)

Flammability (solid, gas)

Upper Flammable/Explosive Limit

Lower Flammable/Explosive Limit

Vapor Density

Relative Density

Solubility in Water

Partition coefficient: n-octanol/water

Auto-ignition Temperature

Decomposition Temperature:

Viscosity

Volatile Organic Chemicals (g/L)

Density

10. STABILITY AND REACTIVITY

Chemical stability

Stable under normal conditions.

Possibility of Hazardous Reactions

No data available

Conditions to Avoid

Water contamination. Contact with oxidizing materials. Contact with water. Elevated temperatures.

Incompatible Materials

Oxidizing agents, Water

11. TOXICOLOGICAL INFORMATION

Routes of Exposure

Inhalation
Ingestion
Skin contact

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Eye contact

Immediate (Acute) Health Effects by Route of Exposure

Irritation to skin, eyes, lungs and mucus membranes.

Long-Term (Chronic) Health Effects

No data available

Product Toxicology Data

Specific organ toxicity.

Component Toxicology Data

Chemical Component	Oral LD50	Dermal LD50	Inhalation LC50
Not Available			

Carcinogen Information

Chemical Name

IARC Carcinogen

OSHA Carcinogen

NTP Carcinogen

Not applicable

12. ECOLOGICAL INFORMATION**Ecotoxicity (aquatic and terrestrial, where available)**

No data available

Mobility in soil

No data available

13. DISPOSAL CONSIDERATIONS**Safe Handling of Waste**

Refer to other sections of this SDS to determine the toxicity and physical characteristics of the material to determine the proper waste identification and disposal in compliance with applicable regulations.

14. TRANSPORT INFORMATION

This section provides basic shipping classification information and does not contain all regulatory transportation details. Refer to all applicable regulations for domestic, international, air, vessel and ground transportation requirements and restrictions.

DOT Basic Description: Not Regulated**Marine Pollutant:** No**15. REGULATORY INFORMATION****TSCA Status**

All components of this product are either listed on the TSCA Inventory; or, are not subject to the inventory notification requirements.

Regulated Components**SARA EHS Chemicals****CAS #****%**

Not applicable

CERCLA

Not applicable

SARA 313

Not applicable

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SARA 311/312

Health (Acute):	N
Health (chronic):	N
Fire (Flammable):	Y
Pressure:	N
Reactivity:	N

U. S. State Regulations:**California Prop 65 Chemicals****Cancer**

Not applicable

CAS #**%****Reproductive**

Not applicable

Canadian Regulations:**CEPA DSL:**

The components of this product ARE listed on the Canadian Domestic Substances List.

WHMIS Hazard Class:

B3

16. OTHER INFORMATION**Revision Date**

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Disclaimer

This SDS has been prepared in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200) and Canada's Controlled Product Regulations (CPR). To the best of our knowledge the information contained herein is accurate. Determination of safe handling, application and use of this material is the responsibility of the end user. This information is furnished without warranty, expressed or implied.